

## IMPROVED AIRFLOW CONTROL IN HEATING AND AIR CONDITIONING UNITS

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### **ABSTRACT**

The present invention relates to the field of directing ventilating air and airflow control in a ventilating, heating or air conditioning system. More specifically, the present invention relates to a structure and method to provide  
10 air flow mixture via an air mixer structure or 'baffle' located within a blend door.

The simplified HVAC unit provides a baffle/blend door assembly comprising an air mixer structure wherein the attachment means of baffle and barrel door is such that it provides for ease of assembly. The baffle/barrel  
15 door assembly provides for smaller packaging volume with the same functionality as larger HVAC units.

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